

Title (en)  
TRANSMITTING-TYPE TARGET AND X-RAY GENERATION TUBE PROVIDED WITH TRANSMITTING-TYPE TARGET

Title (de)  
TRANSMISSIONSTARGET UND RÖNTGENSTRAHLERZEUGUNGSRÖHR MIT TRANSMISSIONSTARGET

Title (fr)  
CIBLE DE TYPE TRANSMISSION ET TUBE DE GÉNÉRATION DE RAYONS X FOURNIS AVEC LA CIBLE DE TYPE TRANSMISSION

Publication  
**EP 3462474 B1 20230913 (EN)**

Application  
**EP 18201453 A 20141120**

Priority

- JP 2013253634 A 20131206
- JP 2013253635 A 20131206
- JP 2014184462 A 20140910
- EP 14194101 A 20141120

Abstract (en)  
[origin: EP2887380A1] A transmissive-type target includes a target layer (22), and a transmissive substrate (21) configured to support the target layer. The transmissive substrate has a pair of surfaces (24,25) facing each other and is formed of polycrystalline diamond. In the transmissive substrate, one of the pair of surfaces includes polycrystalline diamond having a first average crystal grain diameter which is smaller than a second average crystal grain diameter of polycrystalline diamond included on the other surface opposing thereto. The target layer is supported by any one of the pair of surfaces.

IPC 8 full level  
**H01J 35/08** (2006.01)

CPC (source: CN EP US)  
**C23C 16/01** (2013.01 - EP US); **C23C 16/27** (2013.01 - EP US); **G01N 23/04** (2013.01 - EP US); **H01J 35/02** (2013.01 - CN); **H01J 35/04** (2013.01 - CN); **H01J 35/045** (2013.01 - US); **H01J 35/12** (2013.01 - CN EP US); **H01J 35/116** (2019.04 - EP US); **H01J 35/186** (2019.04 - EP US); **H01J 2235/02** (2013.01 - US); **H01J 2235/081** (2013.01 - US); **H01J 2235/084** (2013.01 - US)

Citation (examination)  
GRAEBNER J E ET AL: "Thermal conductivity and the microstructure of state-of-the-art chemical-vapor-deposited (CVD) diamond", DIAMOND AND RELATED MATERIALS, ELSEVIER SCIENCE PUBLISHERS , AMSTERDAM, NL, vol. 2, no. 5-7, 13 April 1993 (1993-04-13), pages 1059 - 1063, XP025442655, ISSN: 0925-9635, [retrieved on 19930413], DOI: 10.1016/0925-9635(93)90273-5

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2887380 A1 20150624**; **EP 2887380 B1 20190109**; CN 104701118 A 20150610; CN 104701118 B 20170510; CN 107068522 A 20170818; CN 107068522 B 20190326; EP 3462474 A1 20190403; EP 3462474 B1 20230913; EP 4258319 A2 20231011; EP 4258319 A3 20240117; JP 2015130323 A 20150716; JP 6335729 B2 20180530; US 10020158 B2 20180710; US 2015162161 A1 20150611

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**EP 14194101 A 20141120**; CN 201410740256 A 20141205; CN 201710167652 A 20141205; EP 18201453 A 20141120; EP 23189418 A 20141120; JP 2014184462 A 20140910; US 201414559807 A 20141203